

State of Colorado Oil and Gas Conservation Commission

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Document Number:

400978843

Date Received:

01/27/2016

Spill report taken by:

Kosola, Jason

Spill/Release Point ID:

444616

SPILL/RELEASE REPORT (SUPPLEMENTAL)

This form is to be submitted by the party responsible for the oil and gas spill or release. Any spill or release which may impact waters of the State must be reported as soon as practicable; any spill over 20 bbls must be reported within 24 hours and all spills over five bbls must be reported within ten days. Submit a Site Investigation and Remediation Workplan (Form 27) when requested by the Director.

OPERATOR INFORMATION

Name of Operator: PIONEER NATURAL RESOURCES USA INC Operator No: 10084 Address: 5205 N O'CONNOR BLVD STE 200 City: IRVING State: TX Zip: 75039 Contact Person: James Roybal Phone Numbers: Phone: (719) 846-7898 Mobile: Email: james.roybal@pxd.com

INITIAL SPILL/RELEASE REPORT

Initial Spill/Release Report Doc# 400975381

Initial Report Date: 01/21/2016 Date of Discovery: 01/20/2016 Spill Type: Recent Spill

Spill/Release Point Location:

Location of Spill/Release: QTRQTR SESE SEC 24 TWP 32S RNG 67W MERIDIAN 6

Latitude: 37.237610 Longitude: -104.831150

Municipality (if within municipal boundaries): County: LAS ANIMAS

Reference Location:

Facility Type: WATER GATHERING SYSTEM/LINE Facility/Location ID No 427440

No Existing Facility or Location ID No.

Well API No. (Only if the reference facility is well) 05- -

Fluid(s) Spilled/Released (please answer Yes/No):

Was one (1) barrel or more spilled outside of berms or secondary containment? Yes

Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

Were Five (5) barrels or more spilled? Yes

Estimated Total Spill Volume: use same ranges as others for values

Estimated Oil Spill Volume(bbl): 0 Estimated Condensate Spill Volume(bbl): 0

Estimated Flow Back Fluid Spill Volume(bbl): 0 Estimated Produced Water Spill Volume(bbl): >=5 and <100

Estimated Other E&P Waste Spill Volume(bbl): 0 Estimated Drilling Fluid Spill Volume(bbl): 0

Specify:

Land Use:

Current Land Use: NON-CROP LAND Other(Specify):

Weather Condition: Warm Sunny

Surface Owner: FEE Other(Specify):

Check if impacted or threatened by spill/Release (please answer Yes/No to all that apply):

Waters of the State Residence/Occupied Structure Livestock Public Byway Surface Water Supply Area

As defined in COGCC 100-Series Rules

Describe what is known about the spill/release event (what happened -- including how it was stopped, contained, and recovered):

Lease Operator found water leaking from the above ground gathering line at the well head. For reference the spill occurred at the Costello 44-24 well site. The leak was isolated upon discovery. It is estimated that 5bbls of produced water were spilled. Most of the water went into the production pit on location and no water left the site. No State Waters were involved.

List Agencies and Other Parties Notified:

OTHER NOTIFICATIONS

Date	Agency/Party	Contact	Phone	Response
1/20/2016	COGCC	Jason Kosola	-	email
1/20/2016	LACOG	Bob Lucero	-	email
1/20/2016	Land Owner	Warren McDonald	-	Phone

SPILL/RELEASE DETAIL REPORTS

#1 Supplemental Report Date: 01/18/2016

FLUIDS	BBL's SPILLED	BBL's RECOVERED	Unknown
OIL	0	0	<input type="checkbox"/>
CONDENSATE	0	0	<input type="checkbox"/>
PRODUCED WATER	5	0	<input type="checkbox"/>
DRILLING FLUID	0	0	<input type="checkbox"/>
FLOW BACK FLUID	0	0	<input type="checkbox"/>
OTHER E&P WASTE	0	0	<input type="checkbox"/>

specify: _____

Was spill/release completely contained within berms or secondary containment? NO Was an Emergency Pit constructed? NO

Secondary containment, including walls & floor regardless of construction material, must be sufficiently impervious to contain any discharge from primary containment until cleanup occurs.

A Form 15 Pit Report shall be submitted within 30 calendar days after the construction of an emergency pit

Impacted Media (Check all that apply) Soil Groundwater Surface Water Dry Drainage Feature

Surface Area Impacted: Length of Impact (feet): 15 Width of Impact (feet): 2

Depth of Impact (feet BGS): 0 Depth of Impact (inches BGS): 0

How was extent determined?

Visual inspection, spill did not leave location.

Soil/Geology Description:

From the NRCS soil map: Gulnare-Allens Park Complex

Depth to Groundwater (feet BGS) 75 Number Water Wells within 1/2 mile radius: 1

If less than 1 mile, distance in feet to nearest

Water Well	<u>4300</u>	None <input type="checkbox"/>	Surface Water	<u>710</u>	None <input type="checkbox"/>
Wetlands		None <input checked="" type="checkbox"/>	Springs	<u>1260</u>	None <input type="checkbox"/>
Livestock		None <input checked="" type="checkbox"/>	Occupied Building		None <input checked="" type="checkbox"/>

Additional Spill Details Not Provided Above:

Repairs to the damaged pipe have been made and it appears that cold temperatures caused the well to go down; freeze did occur in the above ground line. The produced water from this spill remained on location and most of the water ran into the onsite production pit.

CORRECTIVE ACTIONS

#1	Supplemental Report Date:	01/27/2016
Cause of Spill (Check all that apply)		
<input type="checkbox"/> Human Error	<input checked="" type="checkbox"/> Equipment Failure	<input type="checkbox"/> Historical-Unknown
<input type="checkbox"/> Other (specify) _____		
Describe Incident & Root Cause (include specific equipment and point of failure)		
<div style="border: 1px solid black; padding: 5px;">Cold temperatures caused the well to go down and allowed water to freeze in the above ground line</div>		
Describe measures taken to prevent the problem(s) from reoccurring:		
<div style="border: 1px solid black; padding: 5px;">Communicate to Lease operators to inspect above ground pipes if well has gone down in cold temperatures.</div>		
Volume of Soil Excavated (cubic yards): _____		
Disposition of Excavated Soil (attach documentation)		
<input type="checkbox"/> Offsite Disposal	<input type="checkbox"/> Onsite Treatment	
<input type="checkbox"/> Other (specify) _____		
Volume of Impacted Ground Water Removed (bbls): _____		
Volume of Impacted Surface Water Removed (bbls): _____		

REQUEST FOR CLOSURE

Spill/Release Reports should be closed when impacts have been remediated or when further investigation and corrective actions will take place under an approved Form 27.

Basis for Closure: Corrective Actions Completed (documentation attached)

Work proceeding under an approved Form 27

Form 27 Remediation Project No: _____

OPERATOR COMMENTS:

Produced water quality data from the well associated with or representative of the spill is attached. Pioneer and its consulting geochemical specialists have found, after 20 years operating in the Raton Basin CBM field, that soil sampling no longer adds useful data on smaller, short-term spills as land uses and the environment are not sensitive to short-term exposure to CBM produced water. Effects to soil chemistry from short-term CBM produced water spills are temporary and shallow for several reasons: the water does not contain crude oil or liquid hydrocarbons; the TDS is significantly less than 10,000 mg/L; it is suitable for livestock watering, wildlife and in many cases surface discharge. Mixed with other water it is suitable for irrigation without impact. When requested by the agency or landowner Pioneer has and will collect soil samples. Pioneer Natural Resources request closure of this spill based on this statement and attached water quality data.

I hereby certify all statements made in this form are to the best of my knowledge true, correct, and complete.

Signed: _____ Print Name: James Roybal

Title: Environmental Supervisor Date: 01/27/2016 Email: james.roybal@pxd.com

COA Type

Description

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Attachment Check List

Att Doc Num

Name

400978921	ANALYTICAL RESULTS
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Total Attach: 1 Files

General Comments

User Group

Comment

Comment Date

<u>User Group</u>	<u>Comment</u>	<u>Comment Date</u>

Total: 0 comment(s)